

# KARTIKEY SINGH CHAUHAN

Mobile: +91 86507 58961 | E-mail: [kartikeychauhan27@gmail.com](mailto:kartikeychauhan27@gmail.com)  
GitHub: [github.com/kartikey-chauhan](https://github.com/kartikey-chauhan) | LinkedIn: [linkedin.com/in/kartikeychauhan](https://linkedin.com/in/kartikeychauhan)

## Profile

Software Developer with manufacturing industry experience in Analysis, Design, and Implementation of Business Applications. Skilled and Passionate in Python and Data Science.

## Skills

**Languages:** Python | PL/SQL | HTML/CSS | Java | Oracle Database  
**Tools & Libraries:** Git | Linux | Flask | Tkinter | Pandas | NumPy | scikit-learn | Matplotlib | MS Office & Excel  
**IT Skills:** ServiceNow | Oracle E-Business Suite | FlexDeploy | SonarQube  
**Business:** Quote-to-Cash (Q2C) process | Source-to-Pay (S2P) process | Service Reporting | Supply Chain

## Experience

### Tata Consultancy Services

Mumbai, India

#### System Engineer

2021 – Present

- Led the initiative to eliminate manufacturing transaction errors between the client's ERP and Manufacturing systems, by coordinating with SME's to design and develop solutions bringing the error rate down to 0.01%.
- Implemented event-driven sales order progression system, leading to 3x increase in throughput in order booking to reaching sites, compared to existing batch processing.
- Refactored various codebases improving overall performance and readability.

#### Assistant System Engineer

2019 – 2021

- Addressed regular production bugs and improvements in client's ERP, achieving stabilization post-go-live.
- Improved service reporting through automated categorization of various bottlenecks in order entry, reducing uncategorized service misses by 90%.
- Rebuilt the bill-only transaction flow to address customer invoicing grievances.
- Technologies used: PL/SQL, OAF, Oracle E-Business Suite, Core Java

## Education

### Bachelor of Engineering (Electronics and Communication), JSS Academy of Technical Education, Noida

2015 – 2019

- Coursework:** Computer System and Programming in C | Data Structures | Principles of Communication
- Grade:** 71.4% (7.51/10 CGPA)

### Senior Secondary (Science), Blue Bird Sr. Secondary School, Aligarh

2014 – 2015

- Grade:** 93.4% (9.83/10 CGPA). Amongst District Toppers.

## Projects

### Recomovi [Live](#) | [GitHub](#)

2021

- Content-based movie recommendation system & IMDb dataset generator written in Python

### Personal Blog & Portfolio Website [Live](#) | [GitHub](#)

2021

- Personal blog about technology. Created using GitHub Pages, Jekyll & HTML/CSS.

### IoT-Based Smart Street Light System, C/C++, Arduino IOT Cloud

2019

- Miniature project to demonstrate the energy conservation & data-gathering potential of sensors and microcontrollers in street lights.

## Awards

### Digital Cadre, TCS

2021

- Recommended to TCS Digital Cadre since Jul 2021, given to associates tagged as 'Hi- Talent'.

### Runner-Up (White Paper Contest), TCS

2021

- Wrote a whitepaper on impact of privacy laws to AI & ML based search engines, which came in 2nd among 100+ teams.

### Star Performer, TCS Client

2020

- Recognized for contribution to stabilization and improvement of client's service reporting modules.

## Certifications

**IBM AI Engineering Professional Certificate** – Gained Proficiency in Machine Learning (ML) and Deep Learning (DL).

**Oracle Inventory Cloud 2020 Certified Implementation Specialist** – Demonstrated knowledge of enterprise configuration and Supply Chain orchestration.